

In the Claims:

Please cancel claims 2, 11 and 13, without prejudice, and amend claims 1, 6, 8-10 and 12. The status of all claims is as follows:

1. (Currently Amended) A liquid crystal display device configured to compare inputted image data and image data of a preceding frame and subject the inputted image data to data correction for improving response speed of liquid crystal in a liquid crystal display part based on a result of the comparison, comprising;

an image data processor for correcting the inputted image data; and
a data driver for outputting the corrected data received from the image data processor corresponding to the input image data to data lines of the liquid crystal display part; and

a gate driver for outputting control signals output from the image data processor to gate lines of the liquid crystal display part;

wherein at least one of an input image data of a maximum tone and an input image data of a minimum tone is separately used only for the data correction, and is not subject to the data correction in the image data processor, and

the data driver outputs a correction value for correcting the input image data of the maximum tone and the input image data of the minimum tone.

2. (Canceled)

3. (Previously Presented) The liquid crystal display device according to claim 1,

wherein all tones corresponding to the input data that said data driver is capable of outputting are displayed by arbitrarily combining all the outputs of said data driver except the output corresponding to the input image data of the maximum tone and minimum tone.

4. (Currently Amended) The liquid crystal display device according to claim 3, further comprising:

a table in which the tones that said data driver is capable of outputting are shown so as to be related to the combinations of the outputs of said data driver except the output corresponding to the input image data of the maximum tone and minimum tone.

5. (Previously Presented) The liquid crystal display device according to claim 3, wherein an error diffusion method is applied to the combinations of the outputs of said data driver except the output corresponding to the input image data of the maximum tone and minimum tone.

6. (Currently Amended) The liquid crystal display device according to claim 1, wherein the correction value output by said data driver comprises at least one of an

output corresponding to a higher luminance than a luminance of the maximum tone and an output corresponding to a lower luminance than a luminance of the minimum tone.

7. (Original) The liquid crystal display device according to claim 6, wherein as at least one of the output corresponding to the higher luminance than the luminance of the maximum tone and the output corresponding to the lower luminance than the luminance of the minimum tone, a plurality of outputs corresponding to luminances different from each other are allowed to be outputted.

8. (Currently Amended) A data driver ~~for outputting, in addition to outputs in a liquid crystal display device including a liquid display part and an image data processor for correcting inputted image data based on image data of a preceding frame,~~

said data driver outputting corrected data corresponding to all tones designatable by inputted image data, received from the image data processor to the liquid crystal display part, and

at least one of an output corresponding to a higher luminance than a luminance of a maximum tone and an output data corresponding to a lower luminance than a luminance of a minimum tone.

9. (Currently Amended) A liquid crystal display device configured to compare inputted image data and image data of a preceding frame and subject the inputted

image data to data correction for improving response speed of liquid crystal in a liquid crystal display part based on a result of the comparison, comprising:

an image data processing part for correcting the inputted image data;

an error diffusion processing part configured to process the image data for generating a mean tone between a first tone and a second tone; and

a data driver for outputting the processed image data received from the error diffusion processing part to data lines of the liquid crystal display part;

wherein said image data processing part outputs a signal to prohibit said error diffusion part from generating the mean tone for image data that has undergone the data correction.

10. (Currently Amended) A liquid crystal display device configured to compare inputted image data and image data of a preceding frame and subject the inputted image data to data correction for improving response speed of liquid crystal based on a result of the comparison, comprising:

an image data processor for correcting the inputted image data;

a data driver for outputting the corrected data received from the image data processor corresponding to the input image data to data lines of the liquid crystal display part; and

a gate driver for outputting control signals output from the image data processor to gate lines of the liquid crystal display unit;

a backlight that is impulse-driven,
wherein a correction amount in the data correction is changed by a unit of at
least one horizontal display line of-a the liquid crystal display part.

11. (Canceled)

12. (Currently Amended) A driving method of a liquid crystal display
device, comprising:

~~a first step of comparing inputted image data and image data of a preceding
frame; and~~

~~a second step of subjecting the inputted image data to data correction for
improving response speed of liquid crystal in a liquid crystal display part based on a result of
the comparison;~~

outputting the corrected data received from the image data processor
corresponding to the input image data to data lines of the liquid crystal display part; and

outputting control signals output from the image data processor to gate lines of
the liquid crystal display unit;

wherein at least one of an input image data of a maximum tone and an input
image data of a minimum tone is separately used only for the data correction and is not
subject to the data correction, and

a predetermined correction value is used for correcting the input image data of the maximum tone and the input image data of the minimum tone.

13. (Canceled)

14. (Previously Presented) The driving method of the liquid crystal display device according to claim 12, wherein all tones corresponding to the input data that the data driver is capable of outputting are displayed by arbitrarily combining all the outputs of the data driver except the output corresponding to the input image data of the maximum tone and minimum tone.